

Product datasheet

Specifications



residual current breaker with overcurrent protection (RCBO), Acti9 DPN N Vigi, 1P+N, 6A, 300mA, A-SI type, 6000A

A9N19641

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

Main

| | |
|-------------------------------------|---|
| Circuit breaker application | Distribution |
| Range | Acti9 |
| Product or component type | Earth leakage circuit breaker |
| Product name | DPN Vigi |
| Device short name | DPN N Vigi |
| Poles description | 1P + N |
| Neutral position | Left |
| Number of protected poles | 1 |
| [In] rated current | 6 A at 30 °C |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Earth-leakage sensitivity | 300 mA |
| Earth-leakage protection time delay | Instantaneous |
| type | Type A-SI (Super Immunised) |
| Breaking capacity | 6000 A Icn at 230 V AC conforming to EN 61009 |

Complementary

| | |
|--|--|
| Device location in system | Outgoer |
| [Ue] rated operational voltage | 230 V AC |
| Magnetic tripping limit | 5...10 x In |
| Residual current tripping technology | Voltage independent |
| [Ics] rated service breaking capacity | 6000 A at 230 V AC 50/60 Hz conforming to EN 61009 |
| Limitation class | 3 conforming to EN 61009 |
| [Ui] rated insulation voltage | 400 V AC conforming to EN 61009 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN 61009 |
| Contact position indicator | Yes |
| Control type | Toggle |
| Local signalling | ON/OFF indication |

| | |
|--------------------------|---|
| Mounting support | DIN rail |
| 9 mm pitches | 4 |
| Net weight | 0.19 kg |
| Embedding depth | 72 mm |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 20000 cycles conforming to IEC 61009 |
| Connections - terminals | Tunnel type terminals1 cable(s) 10 mm ² flexible Tunnel type terminals1 cable(s) 16 mm ² rigid |
| Earth-leakage protection | Integrated |

Environment

| | |
|---------------------------------------|------------------------------------|
| Standards | EN/IEC 61009-2-1 EN/IEC 61009-1 |
| Pollution degree | 3 conforming to EN 61009 |
| Overvoltage category | III |
| Tropicalisation | 2 conforming to EN 61009 |
| Relative humidity | 95 % at 55 °C |
| Operating altitude | 2000 m |
| Ambient air temperature for operation | -25...60 °C |
| Ambient air temperature for storage | -40...60 °C |

Packing Units

| | |
|------------------------------|------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.5 cm |
| Package 1 Width | 3.6 cm |
| Package 1 Length | 8.5 cm |
| Package 1 Weight | 208 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 54 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 11.673 kg |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 432 |
| Package 3 Height | 44.4 cm |
| Package 3 Width | 80 cm |
| Package 3 Length | 120 cm |
| Package 3 Weight | 105.384 kg |



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

| | |
|--|---|
| Total lifecycle Carbon footprint | 24 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Carbon footprint of the manufacturing phase [A1 to A3] | 1 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.1 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 22 kg CO2 eq. |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.5 kg CO2 eq. |

Use Better



Materials and Substances

| | |
|---------------------|--------------------------------------|
| SCIP Number | 678d3ecc-6f24-42c7-bb11-218205429e33 |
| Halogen-free status | Halogen free plastic parts product |

Use Longer



Lifetime extension

| | |
|--------|----|
| Repair | No |
|--------|----|

Use Again



Repack and remanufacture

| | |
|---------------------------------|---|
| Recyclability potential, in % | 47 |
| End of life manual availability | End of Life Information |
| WEEE Label |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |